APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Methodological Problems of the Development of the New Five-Year Plan, by A. Klinskiy, 7 pp.
RUSSIAN, per, Plan Khoz, No 7, 1964, pp 90-93.
JPRS 26261

USSR
Econ
Sep 64

266,804

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Basic Problems of the Development of the Economy of the Ukrainian SSR, by A. Kochubey, 10 pp.

RUSSIAN, per, Plan Khoz, No 7, 1964, pp 1-7.

JPRS 27284

USSR
Econ
Jan 65

271,597

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Certain Results and Prospects of the Development of the National Economy of Belorussia, by S. Malinin, 11 pp.

RUSSIAN, per, Plan Khoz, No 7, 1964, pp 8-16.

JPRS 27284

USSR
Econ
Jan 65

271,598

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Economic Effectiveness of Capital Investments in the Long-Term Plan, by V. Krasovskiy, 13 pp.

RUSSIAN, per, Plan Khoz, No 7, 1964, pp 17-26.

JPRS 27284

USSR
Econ
Jan 65

271,599

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

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Some Problems of Industrial Distribution,
by N. Nekrasov, 13 pp.
RUSSIAN, per. Plan Khoz, No 8, 1964, pp 6-15.
JPRS 27090

USSR
Econ
Jan 65

270,667

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

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Specialization and Disproportion in the Economy of the Far East, by S. Mikhaylov, L. Yurkevich, 10 pp.
RUSSIAN, per, Plan Khoz, No 8, 1964, pp 16/-24.
JPRS 27090

USSR-Siberia
Econ
FE
Econ
Jan 65 270,668

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

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Economic Effectiveness of External Trade,
by G. Smirnov, B. Zotov, et al, 14 pp.
RUSSIAN, per, Plan Khoz, No 8, 1964, pp 25-32.
JPRS 26992

USSR
Econ
Dec 64

269,91#7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Calculating Specific Capital Investments in Complex Industries, by R. Tikidzhiyev, 12 pp.

RUSSIAN, per, Plan Khoz, No 8, 1964, pp 38-44.

JPRS 27579

USSR
Econ
Jan 65

272,056

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

A System of Matrix Models for Intraplant Planning, by N. Voloshin, 9 pp.
RUSSIAN, per, Planovoy ve Khozyaystvo, No 8, Aug 1964, pp 60, 65.
JPRS 28267

USSR
Econ
Feb 65

274,040

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

The Use of Pechora Coking Coal in Metallurgical Plants of the Central Regions of the USSR, by A. Sakharev and A. Fomenko, 7pp
RUSSIAN, per, Planovoye Khozyaystvo, Moscow, No 9, 1964, pp 13-18
JPRS 27467

USSR
Econ
Jan 65

271,877

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

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The Anticipated Growth of the Tool Industry, by V. Kharitonov, 6pp
RUSSIAN, per, Planovoye Khozyaystvo, Moscow, No 9, 1964, pp 19-22
JPRS 27467

USSR
Econ
Jan 65 271,873

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Planning the Ratio Between the Rise of Wages and Labor Productivity, by N. Charykov, 36 pp.

RUSSIAN, per, Plan Khoz, No 9, 1964, pp 24-33.

JPRS 27719

USSR
Econ
Jan 65

272,348

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

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Mechanization of Managerial Labor at a Machine-Building Enterprise, by I. Zinger, N. Lapshin, 6 pp. RUSSIAN, per, Planovoye Khozyaystvo, No 9, Sept 1964, pp 65-66.
JPRS 27941

USSR
Econ
Feb 65

272,984

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Improvement of the organization of the Material and Technical Supply of the National Economy, by I. Burshteyn, N. Mazo, 10 pp.
RUSSIAN, per, Planovoye Khozyaystvo, No 10, Oct 1964, pp 1-6.
JPRS 28736

USSR
Econ
Mar 65

276,052

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

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Industrial Railroad Transport: An Important Link in the Transport System, by T. Lazarenko, 10 pp RUSSIAN, per, Planovoye khozyaystvo, No 12, Dec 64, pp 10-16.
JPRS 29417

USSR
Econ
Apr 65

277,553

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

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Prospects for Development of the Foodstuff Industry, by M. Parshikov, V. Shvarts, 12 pp. RUSSIAN, per, Planovoye Khozyaystvo, No. 12, December 1964, pp. 32-38.
JPRS 29357

USSR
Econ
Apr 65

277,436

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

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Distribution Of the Electric Power Load, by V. Ionov, 11 pp
RUSSIAN, per, Planovoye Khozyaystvo, No 12, Dec 64, pp 38-44.
JPRS 29630

USSR
Econ
Apr 65

279,155

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

An Econometric Model for Use in Composing Price-Lists, by A. Matlin, 10 pp.
RUSSIAN, per, Planovoye Khozyaystvo, No 12, Dec 1964, pp 45-51.
JPRS 29605

USSR
Econ
Apr 65

278,963

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Modern Equipment and Mechanization and Automation Are the Prerequisites of Increased Labor Productivity, by V. Strizhov and V. Shelekhov, 6 pp RUSSIAN, per, Planovoye Khozyaystvo, No 12, Dec 64, pp 57-60.
JPRS 29544

USSR
Econ
Apr 65

277,703

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Enterprises Draw-Up Plans for Scientific Organization of Labor [NOT], by G. Kaganov, 5 pp RUSSIAN, per, Planovoye Khozyaystvo, No 12, Dec 64, pp 60-62.
JPRS 29544

USSR
Econ
Apr 65

277,709

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Synthetic Colloidal Solutions Used in Plasma Substitutes, by I. R. Petrov, A. N. Filatov, 54 pp.

RUSSIAN, ~~gm~~ bk, Plasmozameshchaiushchie Rastvory, Chapter 9, 1958,

Navy Tr 3250/NMS 737

Sci - Med

217,527

Nov 62

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

(DC-6438)

Planned Regulation of the Wages of Engineering-Technical Workers and Employees, by V. I. Markov; 175 pp.

RUSSIAN, bk, Planovoye Regulirovaniye Zarabotnoy Platy Inzhenerno-Tekhnicheskikh Rabotnikov i Sluzhashchikh, 1961, pp 1-127.

JPRS 11992

181.247

USSR
Econ
Jan 62

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

PLANNED EXPENDITURES FOR SOVIET RESEARCH INSTITUTIONS, BY L. V. POTSKHIN, I. B. ROZENFEL'D, ET AL, 35 PP.

RUSSIAN, BK, PLANOVYYE RASKHODY SOTSIALISTICHESKIKH I KUL'TURNYKH MEROPRIYATIY, MOSCOW, 1962, PP 193-211.

JPRS 17265

USSR
ECON
JAN 63

220,457

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

(NY-5148)

Plastic Deformation of Metals, by S. I. Gubkin, 426 pp.

RUSSIAN, book Plasticheskaya Deformatsiya Metallov, Vol I, 1960, pp 1-376.

JPRS 9057

OTS [illegible]

Sci - Min/Met

Apr 61

146,638

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Plastic Deformation of Metals, by S. I. Gubkin, 438 pp.

RUSSIAN, bk, Plasticheskaya Deformatsiya Metallov, Vol II, 1960, pp 1-416.

JPRS 9220

Sci - Min/Metals

May 61

154,367

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

(NY-6115)

Plastic Deformation of Metals, 340 pp.

RUSSIAN, bk, Plasticheskaya Deformatsiya Metallov, Vol III, 1960, pp 1-306.

JPRS 9373

Sci - Min/Metals

Jul 61

158,230

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

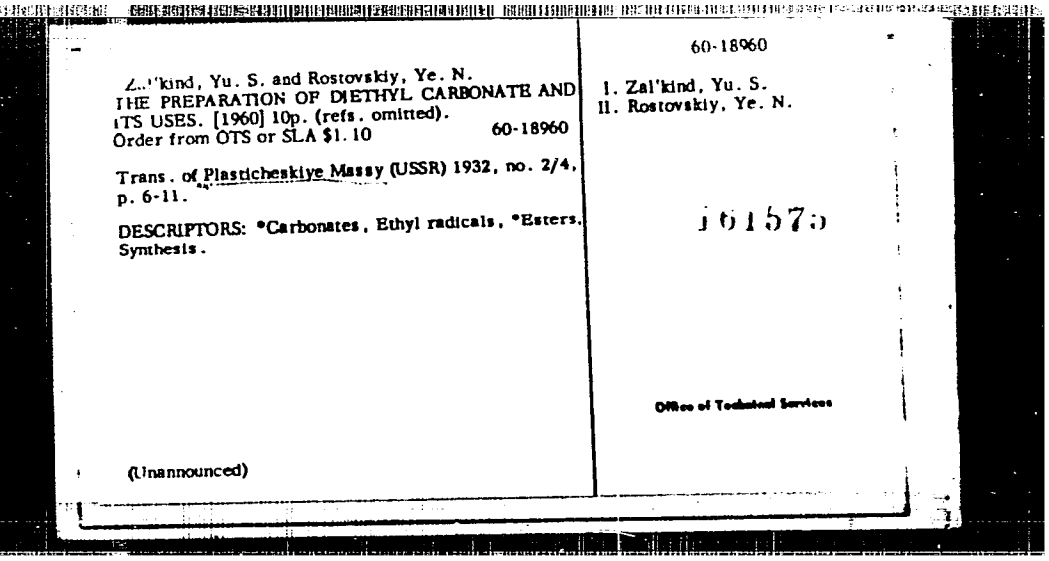
Modern Methods of Increasing the Strength Properties of Steels and Alloys, by I. M. Pavlov, G. N. Mekhed, Wang Yu-Ming, 21 pp. RUSSIAN, bk, Plasticheskaya Deformatsiya Metallov, 1964, pp 3-18.
JPRS 28859

Sci-Mat & Met
Mar 65

275,575

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8



Z...'kind, Yu. S. and Rostovskiy, Ye. N.
THE PREPARATION OF DIETHYL CARBONATE AND ITS USES. [1960] 10p. (refs. omitted).
Order from OTS or SLA $1.10 60-18960

Trans. of Plasticheskiye Massy (USSR) 1932, no. 2/4, p. 6-11.

DESCRIPTORS: *Carbonates, Ethyl radicals, *Esters, Synthesis.

(Unannounced)

60-18960

I. Zal'kind, Yu. S.
II. Rostovskiy, Ye. N.

161573

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Benzyl Dihydroxyabietate - A New Plasticizer, by S. N. Ushakov, A. A. Rozenfel'd, 14 pp.

RUSSIAN, per. Plasticheskie Massy, No 3, 1935, pp 4-8.

Sci Trans Center RT-892

Scientific - Chemistry
CTS/DEX

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Basic Trends of Development in the Plastics Industry During 1959-1965, by M. I. Garbar, 29 pp.

RUSSIAN, per, Plasticheskiye Massy, No 1, 1959, pp 3-9. 9670568

FTD-MCL-728/1

164,287

USSR

Econ

Aug 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Plastics and Their Employment in the Bread Baking and Yeast Industries, by N. I. Tkachev.
RUSSIAN, bk, Plasticheskie Massy i Ikh Primenenie v Khlebopekarnoi i Drozhzhevoi Promyshlennosti, 1963, 224 pp.
NLL RTS 31247 - (On Loan)

Aug 65 287,194

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Plastics in the Electrotechnical Industry, by A. K. Vardenberg.
RUSSIAN, bk, Plasticheskiye Massy v Elektroteckhnicheskoy Promyshlennosti, 3rd Ed., Rev & Enlg, Polimery v Elektroizolyatsionnoy Tekhnike, Vol V, 1963, 296 pp.
*FTD-MT-64-281

Sci-Elec
Jul 64

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Co-Polymerization of Ethylene With Propyline in the Presence of Metal-Organic-Metal-Halide Compounds of Variable Valence, by N. M. Yegorov, et al.

RUSSIAN, per, Plasticheskiye Massy, No 1, 1959, p 10.

*ATIC [illegible]

Sci - Chem

28 Feb 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Yegorov, N. M., Andreyeva, I. N. and others.
CO-POLYMERIZATION OF ETHYLENE AND PROPYLENE IN THE PRESENCE OF ORGANIC-METALLIC COMPOUNDS AND HALIDES OF METALS OF VARIABLE VALENCY. [1961] [20]p. 10 refs. [DSIR LLU] M 2962.
Order from OTS or SLA $1.60 61-23370

Trans. of Plasticheskiye Massy (USSR) 1959, no. 1, p. 10-16.

DESCRIPTORS: *Copolymerization, *Ethylenes, *Propenes, Polymers, *Metalorganic compounds, Aluminum compounds, Halides, *Catalysts.

Under conditions of mutual polymerization, ethylene and propylene form a copolymer. The possibility is demonstrated of producing a compositionally uniform copolymer. Results were obtained which characterize the basic laws governing the ethylene-propylene copolymerization process in the presence of organo-metallic
(Chemistry--Organic, TT, v. 6, no. 3) (over)

61-23370

I. Yegorov, N. M.
II. Andreyeva, I. N.
III. DSIR LLU M.2962

175391

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Arkhipova, Z. V., Semenova, A. S. and others. PRODUCTION OF POLYETHYLENE AT REDUCED PRESSURES USING CHROMIUM OXIDES ON ALUMINOSILICATES AS CATALYSTS. [1961] [13]p. 9 refs. [DSIR I.I.U] M. 2963.
Order from OTS or SLA $1.60 61-23369

Trans. of Plasticheskiye Massy (USSR) 1959, no. 1, p. 17-20.

DESCRIPTORS: *Polymers, *Ethylenes, Synthesis, Pressure, Catalysts, Chromium compounds, Oxides, Aluminum compounds, silicates

Experiments showed that the major factors determining the molecular weight and mechanical properties of the polymer are the polymerization temperature, the catalyst activation temperature and the pressure used in the polymerization process. The activity of the catalyst is determined by the conditions under which it is prepared

(Materials--Plastics, TT, v. 6, no. 3) (over)

61-23369

I. Arkhipova, Z. V.
II. Semenova, A. S.
III. DSIR I.I.U M. 2963

175380

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Synthesis of High-Strength Materials Based on Inoculated Styrene Polymers, by A. V. Golubeva, et al.

RUSSIAN, per, Plasticheskiye Massy, No 1, 1959, pp 21-25.

MLL M. 2964

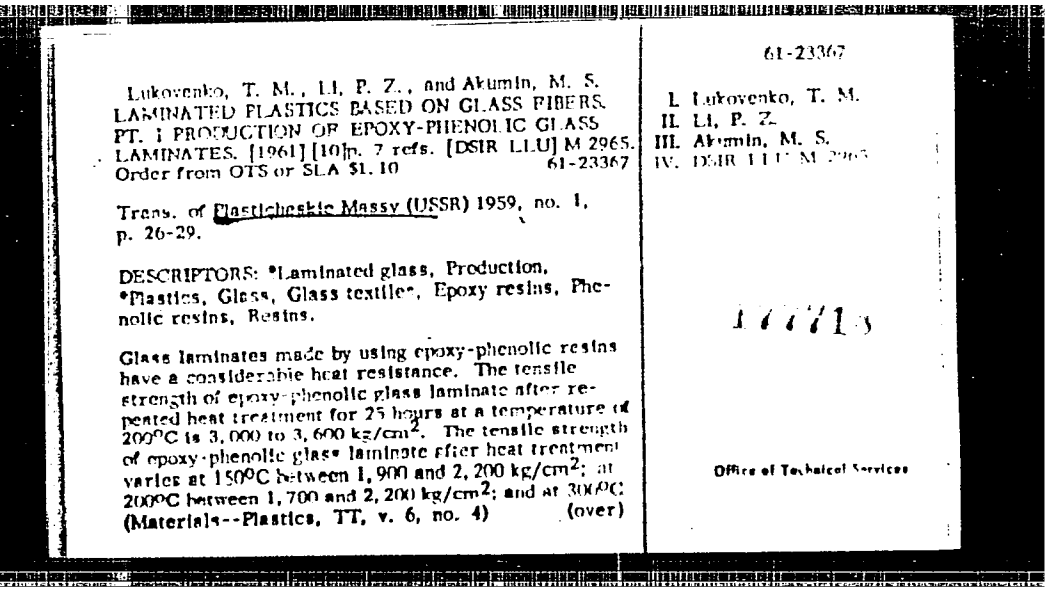
Sci

Feb 62

186,903

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8



Lukovenko, T. M., Li, P. Z., and Akumin, M. S.
LAMINATED PLASTICS BASED ON GLASS FIBERS.
PT. I PRODUCTION OF EPOXY-PHENOLIC GLASS
LAMINATES. [1961] [10]p. 7 refs. [DSIR LLU] M 2965.
Order from OTS or SLA $1.10 61-23367

Trans. of Plasticheskie Massy (USSR) 1959, no. 1,
p. 26-29.

DESCRIPTORS: *Laminated glass, Production,
Plastics, Glass, Glass textile, Epoxy resins, Phe-
nolic resins, Resins.

Glass laminates made by using epoxy-phenolic resins
have a considerable heat resistance. The tensile
strength of epoxy-phenolic glass laminate after re-
peated heat treatment for 25 hours at a temperature of
200°C is 3,000 to 3,600 kg/cm^2. The tensile strength
of epoxy-phenolic glass laminate after heat treatment
varies at 150°C between 1,900 and 2,200 kg/cm^2; at
200°C between 1,700 and 2,200 kg/cm^2; and at 300°C
(Materials--Plastics, TT, v. 6, no. 4) (over)

61-23367

I. Lukovenko, T. M.
II. Li, P. Z.
III. Akumin, M. S.
IV. DSIR LLU M 2965

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Gorbunov, V. N.
ON THE PRODUCTION OF UREA-FORMALDEHYDE RESINS AT ELEVATED TEMPERATURES. [1961]
[6]p. 5 refs. [DSIR LLU] M 2966.
Order from OTS or SLA $1.10 61-23366

Trans. of Plasticheskiye Massy (USSR) 1959, no. 1, p. 30-31.

DESCRIPTORS: *Urea-formaldehyde resins, Production, Temperature, Plastics, Resins.

Tests show that the various types of carbamide resin made by high-temperature condensation constitute useful technical products and have certain valuable technological properties not possessed by the resins made under normal conditions.

(Materials--Plastics, TT, v. 6, no. 3)

61-23366

I. Gorbunov, V. N.
II. DSIR LLU M. 2966

17537

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Akutin, M. S., Rodivilova, L. A., and Baybakov, K. P.
ON THE TWO-PHASE METHOD OF POLYCONDENSATION. [1961] [8]p. 6 refs. [DSIR LLU] M 2967
Order from OTS or SLA $1.10 61-23565

Trans. of Plasticheskiye Massy (USSR) 1959, no. 1, p. 32-34.

DESCRIPTORS: *Condensation reactions, *Polymers, *Amides, Anhydrides, Amines, Chlorides, Acids.

The conditions were studied for the production of polyamides by the two-phase method, using the reaction between the dichloranhydrides of adipic or sebacic acid and hexamethylene diamine. The factors investigated included time of polycondensation, solution concentration, nature of the solvent, and ratio of reagents. The dichloranhydrides of the divalent acids were prepared by reacting the corresponding divalent acids with thionyl chloride.
(Materials--Plastics, TT, v. 6, no. 3)

61-23565

I. Akutin, M. S.
II. Rodivilova, L. A.
III. Baybakov, K. P.
IV. DSIR LLU M 2967

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

The New Coxpact Powder Plastic FAK-4, by V. A. Zakharov, V. I. Zakharova, G. N. Nadezhdina, 21 pp.

RUSSIAN, per, Plasticheskiye Massy, No 1, 1959, pp [illegible]. 9670568

FTD-MIL-728/1

164,288

Sci - Chem

Aug 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

New Synthetic Glues for the Cementing of Metals and Non-Metallic Materials, by D. A. Kardashov, M. V. Sobolevskiy, et al, 33 pp.

RUSSIAN, per, Plasticheskiye Massy, No 1, 1959, pp [illegible]. 9670568

FTD-MCL-728/1

Sci - Chem

164,289

Aug 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

(HF-1332)

Ion-Exchange Membranes, by V. S. Titow, 14 pp.

RUSSIAN, per, Plasticheskiye Massy, No 1, 1960, pp 55-59.

JPRS 4336

Sci - Chem

Feb 61

139,259

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Kamenskii, L. V., Smirnova, E. P., and Tsepelev, A. S.
MELAMINE-ACETONE-FORMALDEHYDE RESINS.
14 Jan 63 [8p] tr+fs
Order from OTS or SLA $1.10 63-18895

Trans. of Plasticheskie Massy (USSR) 1960, no. 2, p. 17-19.

DESCRIPTORS: *Melamine-formaldehyde resins, *Acetones, *Amino plastics, *Laminated plastics, Thermosetting plastics, *Glass textiles, Fire-resistant textiles, Physical properties, Dielectric properties, Condensation reactions

The possibility of obtaining a new form of melamine-formaldehyde (M-F) modifying these with acetone, introduced into the reaction after formation of the hydroxymethyl derivatives of melamine is shown. The M-acetone-F resins synthesized differ from the un- (Materials--Plastics, TT, v. 10, no. 10) (over)

63-18895

I. Title: Melamine-acetone-formaldehyde resins
I. Kamenskii, L. V.
II. Smirnova, E. P.
III. Tsepelev, A. S.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

New Polymers of the Catalytic Polymerization of Organosiloxanes, by K.A. Andrianov, S.I. Dzhenchel'-skaya, Ju. K. Petrashko.

RUSSIAN, per, Plasticheskiye Massy, No 3, 1960, pp 20-23. 9661814.

ATIC HCL 729/1-2

Sci - Chem
Jun 61

155556

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Conversion of Poly(Ethylene Terephthalate) to Film, by N. V. Andrianova.
RUSSIAN, per, Plast Massy, No 4, 1960, pp 18-27.
ATS-4883

Sci
Dec 68

368,751

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

(MY-4789)

On the Production and Application of Glass-Reinforced Plastics, by I. Trandafilova, 8 pp.

RUSSIAN, per, Plasticheskiy Massy, No 4, 1960, pp 71-73.

JPRS 5930

Sci - Chem

Nov 60

131,671

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Glukhov, E. E. and Klaz, S. I.
RHEOLOGY PROBLEMS IN THE MANUFACTURE OF ARTICLES FROM PLASTICS. [1963] 7p. 20 refs.
Order from OTS or SLA $1.10 63-16977

Trans. of Plasticheskie Massy (USSR) 1960, no. 5, p. 22-25.

DESCRIPTORS: *Plastics, Manufacturing methods, Fluid flow, Elasticity, Viscosity, Plasticity.

Establishing the behavior patterns of flow should make it possible to resolve the fundamental technical problem: determining the optimum operational regimen, as well as the design of extrusion and die-casting equipment. The nature of the flow of plastics when they are utilized in the manufacture of articles from them is governed largely by the relationship between the forces of internal and external friction, together with the relaxational properties. The principal proper-
(Materials--Plastics, TT, v. 10, no. 6) (over)

63-16977

I. Glukhov, E. F.
II. Klaz, S. I.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

A Method for Measuring Polymer Decomposition Temperatures, by O. Ya. Fedotova, S. A. Zakoshchikov. 9227310
RUSSIAN, per, Plasticheskiye Massy, No 5, 1960, pp 64, 65.
DRB Canada T 420 R
NLL 3546 1965 T-420 R

Sci - Phys
Jun 65 279,621

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Terent'ev, A. P., Luskina, B. M., and Syavtsillo, S. V.
DETERMINATION OF CARBON IMPURITIES IN SILICON-COPPER ALLOYS. 27 Jun 63 [6p] 4refs
Order from OTS or SLA $1.10 63-18892

Trans. of Plasticheskie Massy (USSR) 1960, no. 5, p. 65-66.

DESCRIPTORS: *Silicon alloys, *Copper alloys, *Carbon, *Impurities, Chemical analysis, Quantitative analysis, *Silanes, *Catalysts.

(Chemistry--Analytical, TT, v. 10, no. 10)

63-18892

I. Terent'ev, A. P.
II. Luskina, B. M.
III. Syavtsillo, S. V.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Akutin, M. S., Parlashkevich, N. Ya. and others.
PREPARATION OF BLOCK AND GRAFT COPOLYMERS WITH THE AID OF A SPARK DISCHARGE IN A LIQUID. [1960] 6p.
Order from ATS $9.30 ATS-27M46R

Trans. of Plasticheskiye Massy (USSR) 1960, no. 6, p. 2-5.

146,910

(Materials--Plastics, TT, v. 5, no. 5)

61-12342

1. Polymers--Synthesis
2. Electric discharges--Chemical effects
3. Copolymerization
4. Title: Graft copolymers
5. Title: Block copolymers
I. Akutin, M. S.
II. Parlashkevich, N. Ya.
III. ATS-27M46R
IV. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

On the Origin of the Products of the Pyrolysis of Phenol-Formaldehyde Tar, by V. D. Moiseyev, M. B. Neyman, 8 pp. RUSSIAN, per, Plasticheskiy Massy, No 6, 1960, pp 11-13. 9096618
FTD-TT-64-997

Sci - Phys
Apr 65

278,331

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Organic Mineral Concrete Without Cement, by V. I. Itinskiy, I. V. Kamenskiy, 8 pp.

RUSSIAN, per, Plasticheskiye Massy, No 6, 1960, pp 19-22. 9091425

OTS 61-31063/6 7
PL-480

211, 265

Sci - Min/Met

Sep 62

PST 590

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

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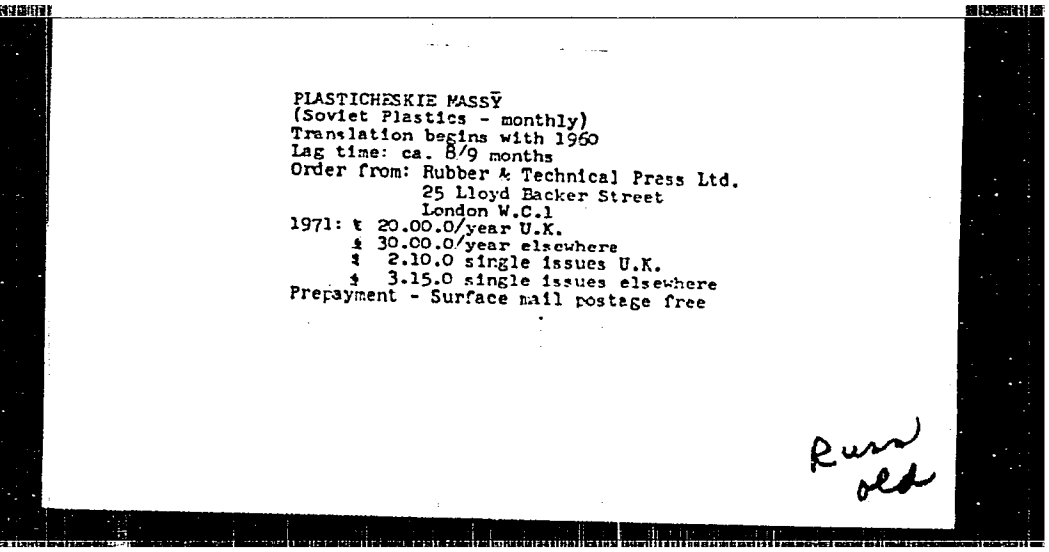

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R-847

The Nature of the Strength of Polymers, by Bartenev and Gul

RUSSIAN, per, Plasticheskiye Massy, No 1, 61, p 54-58

*JPRS/Picatinny Arsenal

Mar 62

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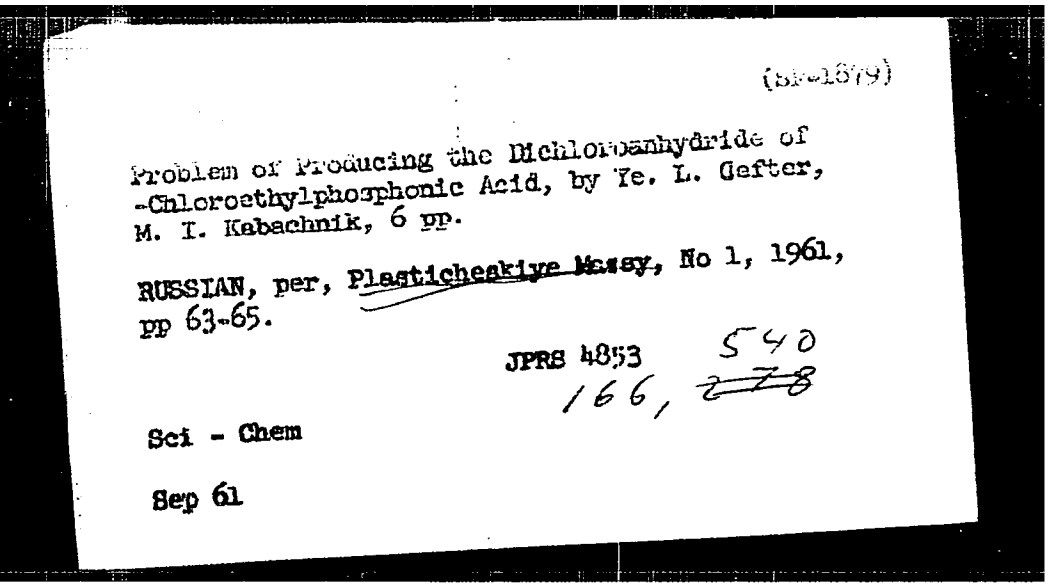

(bk-1879)

Problem of Producing the Dichloranhydride of -Chloroethylphosphonic Acid, by Ye. L. Gefter, M. I. Kabachnik, 6 pp.

RUSSIAN, per, Plasticheskiye Massy, No 1, 1961, pp 63-65.

JPRS 4853 540
166, ~~278~~

Sci - Chem

Sep 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

(SF-1679)

Use of Granulated Wastes From the Chemical Industry for Combatting Weeds, by V. P. Batyuk, M. Ya. Paliyen V. P. Akkerman, 4 pp.

RUSSIAN, per, Plasticheskiye Massy, No 2, 1961, pp 1-2.

JPRS 10795

Sci - Chem

Nov 61

174,232

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Khloplyankina, M. S., Neiman, M. B., and Moiseev, V. D.
THERMAL DEGRADATION OF POLYMERS. II. COMPARATIVE INVESTIGATION OF GASEOUS OLEFINS RESULTING FROM THE DEGRADATION OF POLYPROPYLENE AND POLYETHYLENE. [23 [23 Apr 63] [15]p. (foreign text included) 17 refs. Order from OTS or SLA $1.60 63-18362

Trans. of Plasticheskie Massy (USSR) 1961, no. 2, p. 9-12.

DESCRIPTORS: *Polyethylene plastics, Propenes, Pyrolysis, Degradation, Gases, Ethylene derivatives, Chromatographic analysis, Polarographic analysis, *Ozonides, Molecular structure, Molecular isomerism.

A method was developed for the study of the structure of microquantities of gaseous olefins including their (Materials--Plastics, TT, v. 10, no. 11) (over)

63-18362

1. Title: Polypropylene
I. Khloplyankina, M. S.
II. Neiman, M. B.
III. Moiseev, V. D.
IV. Title: Comparative ...

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Danyushevskii, A. S.
RETARDATION OF THE DECOMPOSITION OF POLYVINYL CHLORIDE BY STABILIZERS-ACCEPTORS OF HYDROGEN CHLORIDE. [1962] 7p.
Order from K-H $8.75 K-H 12166

Trans. of Plasticheskie Massy (USSR) 1961, no. 3, p. 35-36.

DESCRIPTORS: *Polyvinyl chloride, Decomposition, Inhibition, *Hydrogen compounds, *Chlorides, Stability.

(Materials--Plastics, TT, v. 9, no. 11)

63-12962

I. Danyushevskii, A. S.
II. K-H-12166
III. Kresge-Hooker Science Library Associates, Detroit, Mich.

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Zhivuchin, S. M. and Tolstoguzov, V. B.
CHEMICAL PROPERTIES OF PHOSPHONITRILE CHLORIDES (Fosfonitrilkhlorid, Ego Poluchenie, Svoistva i Primenenie). Rept. no. 2 of Phosphonitrile Chloride, Its Preparation, Properties and Application. [1961] 11p. 54 refs.
Order from OTS or SLA $1.60 62-10607

Trans. of Plast[icheskie] Massy (USSR) 1961, no. 4, p. 14-17.

DESCRIPTORS: *Phosphonitrile chlorides, Chlorides, Chemical properties, Hydrolysis.

(Chemistry--Physical, TT, v. 9, no. 11)

(62-10607)

I. Zhivuchin, S. M.
II. Tolstoguzov, V. B.
III. Title: Phosphonitrile ...

Office of Technical Services

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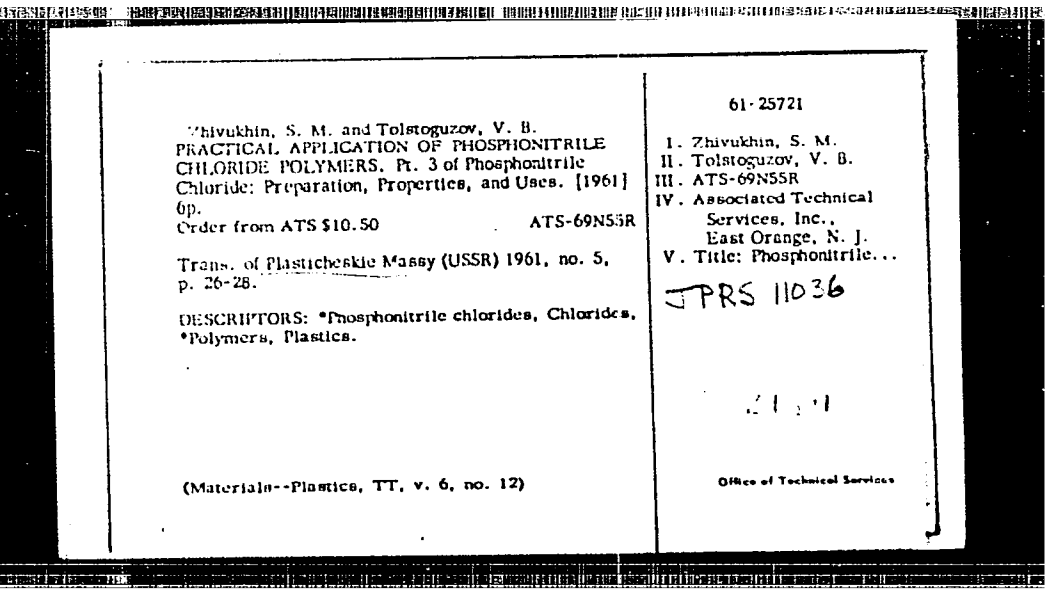

Zhivukhin, S. M. and Tolstoguzov, V. B.
PRACTICAL APPLICATION OF PHOSPHONITRILE CHLORIDE POLYMERS. Pt. 3 of Phosphonitrile Chloride: Preparation, Properties, and Uses. [1961] 6p.
Order from ATS $10.50 ATS-69N55R

Trans. of Plasticheskie Massy (USSR) 1961, no. 5, p. 26-28.

DESCRIPTORS: *Phosphonitrile chlorides, Chlorides, *Polymers, Plastics.

(Materials--Plastics, TT, v. 6, no. 12)

61-25721

I. Zhivukhin, S. M.
II. Tolstoguzov, V. B.
III. ATS-69N55R
IV. Associated Technical Services, Inc., East Orange, N. J.
V. Title: Phosphonitrile...

JPRS 11036

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

(SF-1579)

The Dielectric Properties From Pressing Materials, by N. F. Kenavets, L. F. Grigor'yeva, 22 pp.

RUSSIAN, per, Plasticheskiye Massy, No 6, 1961, pp 13-20.

JPRS 10965

Sol - Elect.

176,019

Dec 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

(SP-1870)

Results of Tests of Epoxy Resins and Their Application in Repair, by V. A. Bershtein, 17 pp.

RUSSIAN, per, Plasticheskiye Massy, No 6, 1961, pp 34-40.

JPRS 10966

175,673

Sci - Chem

Dec 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Preparation of Linear Polyurethanes Without Solvents, by V. V. Korshak, et al. RUSSIAN, per, Plasticheskiye Massey, 1961, No VI, pp 10-11.
NLL 5828.4 1964 (10,551) (On Loan)

Aug 65 286,419

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

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Concerning the Catalytic Polymerization of Polyorgano-aluminum-siloxanes, by K. A. Andrianov, S. I. Dzhenchel'skaya, Yu. K. Petrashko, 5 pp. UNCL

RUSSIAN, per, Plasticheskiye Massy, No 7, 1961, pp 20-21.

CIA/FDD X-4730

Sci - Chem

Oct 61

169, 522

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

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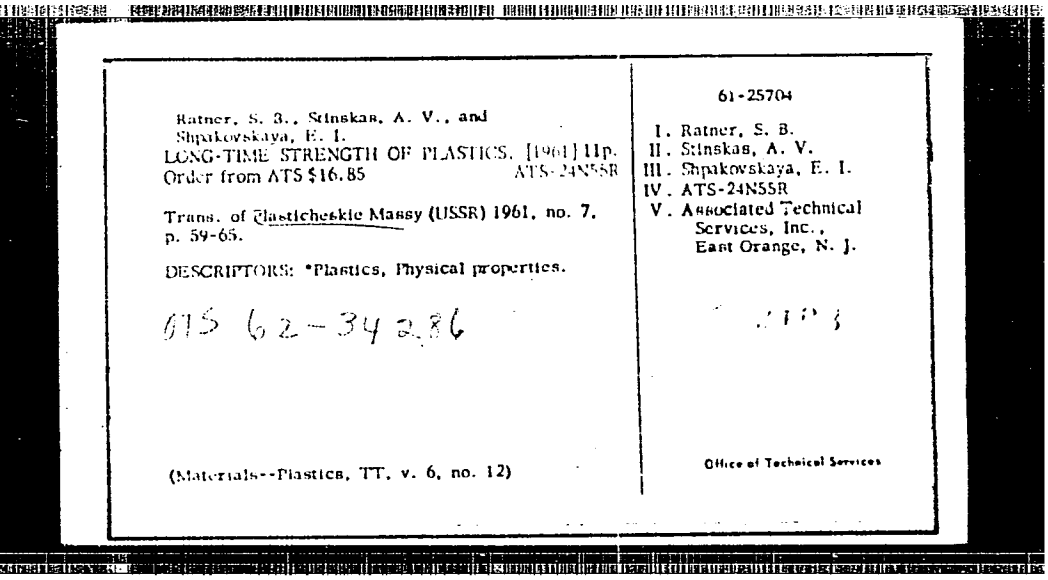

Ratner, S. B., Stinskas, A. V., and Shpakovskaya, E. I.
LONG-TIME STRENGTH OF PLASTICS. [1961] 11p.
Order from ATS $16.85 ATS-24N55R

Trans. of Plasticheskie Massy (USSR) 1961, no. 7, p. 59-65.

DESCRIPTORS: *Plastics, Physical properties.

OTS 62-34286

(Materials--Plastics, TT, v. 6, no. 12)

61-25704

I. Ratner, S. B.
II. Stinskas, A. V.
III. Shpakovskaya, E. I.
IV. ATS-24N55R
V. Associated Technical Services, Inc., East Orange, N. J.

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Polymer Packaging Films, by S. V. Genel', D. V. Konovalova, 7 pp.

RUSSIAN, per, Plasticheskiye Massy, No 8, 1961, pp 43-47.

*ACSI I-8302
ID 2224782

Sci-Chem
19 Mar 63

225,323

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

(SF-1879)

At the Exposition of Achievements in the National Economy USSR, by G. O. Tatevos'yan, 15 pp.

RUSSIAN, per, Plasticheskiye Massy, No 8, 1961, pp 69-75.

JPRS 11386

175453

USSR
Econ
Jan 2 62

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Lokshin, R. F.
WELDING OF THERMOPLASTIC MATERIALS (Svarka Termoplastov). [1963] [20]p. (foreign text included) 17 refs.
Order from OTS or SLA $1.60 63-18290

Trans. of Plast[icheskie] Massy (USSR) 1961, no. 9, p. 30-35.

DESCRIPTORS: *Thermoplastics, *Thermal joining, *Welding, *Bonding, Heaters, Gases, *Heat transfer, *Ultrasonic radiation, *Induction heating, *Infrared radiation, *Friction, *Sintering, *Fillers, Extrusion

A state-of-the-art survey which includes the following topics: General problems; contact welding; welding by heating from a gaseous heat transfer medium; welding in a high-frequency field; ultrasonic welding; welding by infrared heating; friction welding; welding by sintering; and, welding with the aid of an extruded filler.
(Materials--Plastics, TT, v. 10, no. 9)

63-18290

I. Lokshin, R. F.

Office of Technical Services

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Furfural and Its Derivatives - A Prospective Raw Material for the Plastics Industry, by A. I. Konlov, N. Z. Shabadash, 12 pp.

RUSSIAN, per, Plasticheskiye Massy, No 9, 1961, pp 47-51.

JPRS 11163

176.387

USSR
Econ
Dec 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Tarakanov, O. G. and Gusev, I. G.
THE USE OF THERMISTORS FOR THE DETERMINATION OF MOLECULAR WEIGHTS. 29 Jan 61 [6]p. 5 refs.
Order from OTS or SLA $1.10 62-14987

Trans. of Plasticheskie Massy (USSR) 1961, no. 11, p. 47-48.

DESCRIPTORS: *Molecular weight, Determination, *Thermistors, Polymers, Ethers.

The use of the Müller-Stolten method is promising for the determination of MW of chemical compounds from 200-to 5000. (Author)

(Chemistry--Analytical, TT, v. 8, no. 6)

62-14987

I. Tarakanov, O. G.
II. Gusev, I. G.

Office of Technical Services

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

OXIDATION OF POLYPROPYLENE AT HIGH OXYGEN PRESSURES, BY V.V. DUDOROV, 11 PP.

RUSSIAN, PER, PLASTICHESKIYE MASSY, NO 12, 1961, PP 3-7.

ACSI 1-1644
ID 2203202
SLA 62-34333

SCI-PHYS

14 AUG 62 206,300

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Ermilova, G. A.
EFFECT OF THE FRACTIONAL COMPOSITION OF POLYPROPYLENE ON ITS PHYSICO-MECHANICAL PROPERTIES. 13 Mar 62 [9]p. 8 refs.
Order from OTS or SLA $1.10 62-14988

Trans. of Plasticheskie Massy (USSR) 1961, no. 12, p. 7-10.

DESCRIPTORS: *Plastic films, *Propenes, Polymers, Plasticizers, Physical properties, Mechanical properties, Elasticity, Tensile properties, Deformation, Temperature.

For polypropylene processed into films, the lowest resistance to thermomechanical action is shown by the bulk polymer structure. An increase in the content of atactic polymer obtained by polymerization or treatment of polypropylene is accompanied by a significant decrease in mechanical strength of the polymer (about (Materials--Plastics, TT, v. 9, no. 3) (over)

62-14988

1. Ermilova, G. A.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Centrifugal Casting of Cog Wheels and Large Blanks of Polyamide Resins, by A. M. Sklyarskiy.

RUSSIAN, per, Plasticheskie Massy, No 12, 1961, pp 22-26.

MIL M. 3850

Sci - Engr

Nov 62

217,530

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Artificial Infection of Specimens of Plastics Materials With the Spores of Test Fungi for Testing Their Resistance to Microbiological Corrosion, by I. Bomar.

j,

RUSSIAN, aper, Plasticheskie Massy, Vol 1, 1962, pp 68-70.

GB/96

Sci-Chem
July 63

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Kamenskii, I. V., Sanin, I. K., and Korshak, V. V. POLYMERS BASED ON SILICON-CONTAINING FURAN COMPOUNDS: THE SYNTHESIS OF ORTHO SILICIC ACID-FURFURYL ALCOHOL ESTERS. July 62 [5]p. 25 refs.
Order from ICE in v. 2, no. 3, $15.00/year

Trans. of Plast[icheskie] Massy (USSR) 1962, no. 3, p. 8ff.

DESCRIPTORS: Polymers, Plastics, *Furan resins, *Furfuryl alcohols, *Silicic acids, Synthesis, Hardening, *Silanes.

(Materials--Plastics, TT, v. 9, no. 2)

63-12256

I. Kamenskii, I. V.
II. Sanin, I. K.
III. Korshak, V. V.
IV. Title: Synthesis ...
V. International Chemical Engineering, New York

Office of Technical Services

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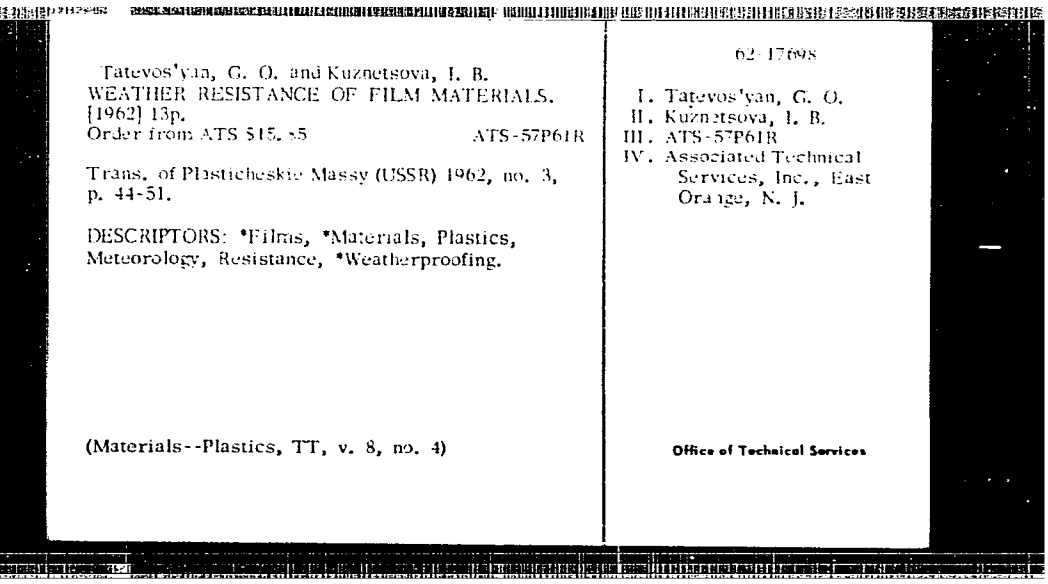

Tatevos'yan, G. O. and Kuznetsova, I. B.
WEATHER RESISTANCE OF FILM MATERIALS.
[1962] 13p.
Order from: ATS $15.00 ATS-57P61R

Trans. of Plasticheskie Massy (USSR) 1962, no. 3, p. 44-51.

DESCRIPTORS: *Films, *Materials, Plastics, Meteorology, Resistance, *Weatherproofing.

(Materials--Plastics, TT, v. 8, no. 4)

62-17698

I. Tatevos'yan, G. O.
II. Kuznetsova, I. B.
III. ATS-57P61R
IV. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Polymerization of BIS (2-Chloroethyl) Vinylphosphonate
by V. A. Orlov, O. G. Tarakanov, 6 pp.

RUSSIAN, per, Plasticheskiye Massy, No 4, 1962,
pp 6-8.

Navy Tr 345/BuShips 816

Sci - Chem
Jul 63

235,747

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Organosilicon Compounds Containing Phosphorus, by by M. zA. Galashina, M. V. Sobolevskiy, 9 pp.

RUSSIAN, per, Plasticheskiye Massy, No 4, 1962, pp 16-19.

Navy Tr 3416/BuShips 817

Sci - Chem
Jul 63

235,748

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Method of Drying Formaldehyde by Absorption,
by G. S. Goncharov, et al.

RUSSIAN, per, Plasticheskiye Massy, No 4, 1962,
pp 50-52.

QB/28

Sci-Chem

Oct 63

241,419

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

Artificial Infection of Specimens of Plastics Materials With the Spores of Test Fungi for Testing Their Resistance to Microbiological Corrosion, by I. Bomar.

RUSSIAN, sper, Plasticheskie Massy, Vol I, 1962, pp 68-70.

GB/96

236,322

Sci-Chem
July 63

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Gas-Phase Method of Synthesising Poly-oxamides, by L.V. Sokolov.
RUSSIAN, per Plast.Massy, No. 5, 1962, pp 45-47
GB 256/T. 1658

Sci -
Aug 67 338-393

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Experience in the Use of Polyamides in the Bearing of Small Propeller Shafts, by Ya. I. Belakovskiy, Yu. M. Kartsev.

RUSSIAN, per, Plasticheskiye Massy, Moscow, Jul 1962.

Navy Trans 3317/ONI 930

Sci - Materials & Metallurgy
Mar 63

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Kolobov, E. I.
CONTRACTION OF ORIENTED POLYMERS DURING ANNEALING. [1963] 6p. 5 refs.
Order from OTS or SLA $1.10 63-18356

Trans. of Plasticheskie Massy (USSR) 1962, no. 6, p. 62-63.

DESCRIPTORS: *Plastic films, *Polyethylene plastics, *Halocarbon plastics, Fluorocarbons, Heat treatment, *Annealing, Physical properties, *Crystal structure, Transformations.

At each temperature, there is a definite amount of isothermal contraction in the crystalline polymer which was stretched at a lower temperature until a neck was formed in the direction of the fiber length. The isothermal contraction of stretched crystalline polymers increases with increasing temperature. The increase in the isothermal contraction with increasing temperature can be interpreted as a result of the irreversible decrease in the degree of oriented crystallinity. (Author)

63-18356

I. Kolobov, E. I.

(Materials--Plastics, TT, v. 10, no. 9)
Office of Technical Services

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Alishoev, V. R., Neiman, M. B., and Kovarskaya, B. M.
THERMO-OXIDATIVE DESTRUCTION AND STABILIZATION OF POLYFORMALDEHYDE. [1963] 10p 11refs
Order from OTS or SLA $1.10 63-18650

Trans. of [Plasticheskie Massy] (USSR) 1962, no. 7, p. 11-14.

DESCRIPTORS: *Formaldehyde, *Polymers, Stabilization, Pyrolysis, Oxidation, Heating, Mechanical properties, Reaction kinetics.

The thermo-oxidative destruction of polyformaldehyde is an auto-accelerating chain reaction. Branch formation during the oxidation of polyformaldehyde is not related to the disintegration of hydrogen peroxide. A series of anti-oxidants significantly increases the
(Materials--Plastics, TT, v. 10, no. 10) (over)

63-18650

I. Alishoev, V. R.
II. Neiman, M. B.
III. Kovarskaya, B. M.

K-H -13327-a

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850077-8

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Bonding of Foam Plastics by Means of High-Frequency Heating, by L. M. Koval'chuk, 10 pp.

RUSSIAN, per, Plasticheskiye Massy, No 7, 1962, pp 32-35. 9689437

DDC RSIC-85

Sci - Engr, M/M
Dec 63

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L'vov, B. S., Koltunov, M. A. and others.
PHYSICO-MECHANICAL CHARACTERISTICS OF GLASS PLASTICS BASED ON A POLYESTER RESIN: ELASTIC CONSTANTS OF GLASS PLASTICS.
12 Oct 62, 7p. 2 refs.
Order from OTS or SLA $1.10 63-10094

Trans. of Plasticheskie Massy (USSR) 1962, no. 8, p. 38-40.

DESCRIPTORS: *Polyester plastics, *Glass textiles, Stresses, Deformation, Elasticity, Laminates, Polymers.

(Materials--Plastics, TT, v. 9, no. 11)

63-10094

I. L'vov, B. S.
II. Koltunov, M. A.
III. Title: Elastic...

Office of Technical Services

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Gunder, O. A. and Livshits, I. M.
AN INVESTIGATION INTO THE BEST CONDITIONS FOR THE HEAT TREATMENT OF POLYCAPROLACTAM COMPONENT PARTS. [1963] 8p.
Order from ATS $8.50 ATS-75Q70R

Trans. of Plasticheskie Massy (USSR) 1962, no. 9, p. 24-28.

DESCRIPTORS: *Lactams, *Plastics, *Polymers, *Heat treatment.

(Materials--Plastics, TT, v. 10, no. 9)

63-22178

1. Title: Caprolactams
2. Title: Polycaprolactams
I. Gunder, O. A.
II. Livshits, I. M.
III. ATS-75Q70R
IV. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

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